

## CREDIT UNION ELECTION IS SET THURSDAY



Y-12ERS REALLY "CAME AND GOT IT" LAST WEEK AS individual safety awards were distributed. Above are typical scenes photographed at the North Portal. At left a line of employees gathered to sign their selection cards as receipts, after-



wards going around the pay booth building to receive their articles. Proud of their awards, in picture at left, are J. P. Ross, Jr., Irene Vineyard, Judy Butler and R. S. Lord. In the window is Bob Devinish, of Safety Department, who passed out the articles.

## 1952 Dividend Also On Slate To Be Declared

### Nominating Group Proposes Candidates For Board, Committees

Election of three directors, two committeemen and voting on a dividend on 1952 earnings will be held at the annual meeting of the Y-12 Employees Credit Union set for 7:30 o'clock tomorrow night, Thursday, January 13. The meeting will be held in the Ridge Recreation Hall and every share holding member of the organization is urged to attend the meeting so that the decisions reached may reflect the opinions of a real majority, according to Morris J. Fortenberry, of the Materials Chemistry Division and president of the credit union.

### May Nominate From Floor

A nominating committee headed by John Reece, of Uranium Processing, released a report on its recommendations last week. However, it is stressed that any member may nominate candidates from the floor.

### The slate submitted by the nominating committee follows:

For members of the board of directors: Paul Snodgrass, Receiving and Shipping; Fred Henry, Buildings and Grounds; and Alan True, Engineering.

For member of the supervisory committee: Charles E. Gillihan, Manufacturing Offices.

For member of the credit committee: J. P. Blakeley, Materials Chemistry. For alternates on credit committee: Milton Dickens, Uranium Processing; Grady O'Kain, Buildings and Grounds; C. V. Ketron, Materials Chemistry; and R. S. Phillippi, 9212 Operations.

The directors and committeemen to be elected tomorrow night replace members whose terms have expired. The officials are elected for staggered terms.

### Some Members Retain Posts

Holdover members of the board of directors include Fortenberry, A. M. Schrader, Field Maintenance; Continued on Page 2

## Tool Engineers Plan Organization Tonight

Tool engineers of Oak Ridge and Knoxville will meet at the Oak Ridge High School tonight, Wednesday January 14, to perfect organization of an East Tennessee Chapter of the American Society of Tool Engineers. The meeting will be held at 7:30 o'clock in Rooms 205-206 and is expected to be well attended by prospective members of the proposed chapter.

Dr. Harry B. Osborn, Jr., national director and third vice president of the ASTE, will aid in the organizational work at the meeting. Dr. Osborn is technical director of the Ohio Crankshaft Co., Cleveland, O., being connected with that concern since July 1, 1939. In addition to his assistance in organizing the chapter he will speak on "Induction Heating."



Dr. Osborn

### Y-12er Temporary Secretary

M. B. Hilton, of the Y-12 Engineering Department, is temporary secretary of the group interested in organizing the new chapter. He and other temporary officers were elected at a meeting last month. Hilton is the only Oak Ridge and Carbide employee among the temporary officers others of whom Continued on Page 2

## Metallizing Movie To Top Metals Society Meeting

The Oak Ridge Chapter of the American Society of Metals will hold its first meeting of the year on Thursday night of next week, January 22. The meeting will be held at 8 o'clock in the East Lounge of the Ridge Recreation Hall and all Y-12 members of the chapter are urged to attend.

D. W. Peterkin, of the Metallizing Engineering Co., Long Island City, N. Y., will show a movie on metallizing, explain it and answer questions on the subject. The public is invited to attend.

## Individual Awards For Sixth, Seventh Safety Periods Given

### Carbide Employees In Y-12 Area Eligible For Eighth Period Prizes Will Receive Them

Approximately 4,500 Carbide employees of the Y-12 plant and Oak Ridge National Laboratory in the Y-12 area last week proudly collected the individual safety awards presented to eligible employees by the Company after the sixth and seventh Carbide safety period of more than 1,500,000 hours of plant operation without a disabling injury were established in Y-12.

An eighth Carbide safety period also was established during the past year—a record of three in one calendar year. Carbide employees in the Y-12 area who were not eligible to receive individual awards for participating in the sixth and seventh periods but who worked during the eighth period will be given an opportunity to select awards similar to those presented last week. Company regulations permit only one individual award to an employee during any one calendar year. Selection cards will be distributed to these approximately 60 employees.

During the eighth Carbide safety period Y-12ers worked 1,595,096 hours without a lost time accident. The period began October 14 and extended through December 19.

### SAFETY SCOREBOARD

Your Plant Has  
Operated  
Nine Days

Without A Lost Time  
Accident

Through January 11

Awards to Y-12 and ORNL personnel in the Y-12 area who were unable to obtain them last Wednesday and Thursday will be distributed through the various divisional coordinators and departments.

A handsome picnic basket was the most popular article in the list of awards. A thermos jug, tackle box, electric lantern, cigarette lighter, Dynel hose, women's wallet and playing cards completed the assortment.

The latest string of accident-free days in Y-12 began on January 3, Continued on Page 2

## Y-12ers With New Byington Addresses Urged To Record Changes Immediately

The approximately 60 Y-12 employees living in the Byington area of Knox County whose mail addresses have been changed because of a recent change in rural free delivery routes in that section are urged to immediately see that their plant records are brought up to date by having the new addresses on file.

This is simply done. Supervision throughout the plant has a supply of Forms WCX-997 on which current addresses, telephone numbers and other vital information, such as persons to be notified in cases of emergency, is listed. This form

is a yellow card, about six by four inches in size, and is kept on file at the Wage Standards Office in Bldg. 9701-1. It is the responsibility of Supervision to see that all changes in addresses on the part of their employees are immediately recorded on the Forms WCX-997 and forwarded to Wage Standards.

The importance of keeping this information up to date cannot be emphasized too much. The Company mailing list for all Company mail, including The Y-12 Bulletin, is based on this information. In addition it provides information on persons to be notified in case of accident or illness.

## Early Visits Urged To Ridge Safety Lane

The Oak Ridge Safety Lane opened last week for first half of 1953 examinations of motor vehicles operating in Oak Ridge more than one day a week and all Y-12 motorists have been urged to visit the lane as soon as possible to obtain stickers indicating their cars are in safe operating condition. The early visits to the Safety Lane will enable motorists to avoid the usual last minute rushes and also assure drivers that their automobiles are without mechanical defects that would lead to accidents.

The Safety Lane will be open from 9:15 a. m. to 1:15 p. m. and 2 p. m. to 6 p. m. Mondays through Fridays. Saturday hours will be from 8:15 a. m. to 12 noon and 12:45 p. m. to 5 p. m.

Oak Ridge motorists will be allowed through March to obtain their first half of the year safety stickers.

Drivers are urged to check their cars before coming to the lane if there is any doubt about the efficiency of brakes, lights or other parts essential to the safety of the vehicle. Drivers also are asked not to bring children to the Safety Lane in cars intended for the safety inspections as the sudden stop required for brake testing might result in an injury.

## Nuclear Science Group Sets Election For Meet Tonight

Election of officers and action on a constitution will feature a meeting of the Nuclear Science Professional Group set for 7:30 o'clock tonight, Wednesday, January 14. The meeting will be held in the Ridge Recreation Hall.

I.R.E. members in the three Carbide plants in Oak Ridge are urged to attend the meeting to facilitate the nomination of new plant representatives. These representatives are nominated and elected by I.R.E. members in each plant.

Technical films will be shown and refreshments served at the meeting.

## Fitzpatrick Is Appointed Electromet Cleveland Head

Appointment of Ralph N. Fitzpatrick as District Manager of the Cleveland Office of Electro Metallurgical Company, a Division of Union Carbide and Carbon Corporation, has been announced by H. M. Rich, Vice-President. Fitzpatrick succeeds E. E. Wright, who has reached retirement after almost 35-years' service with the Corporation, and who will carry on as sales consultant in the Cleveland area.

Fitzpatrick has been with the Electromet organization since 1943. He was born in Philadelphia, Penn. In 1933, he received a Bachelor of Science degree in Metallurgical Engineering from Lehigh University. He entered the U. S. Army a short time after graduation and served two years. He now lives in Shaker Heights, Ohio.



# The Bulletin

Published Weekly By And For  
Y-12 Employees Of  
CARBIDE AND CARBON  
CHEMICALS COMPANY  
A Division Of  
Union Carbide And Carbon  
Corporation  
Post Office Box P  
Oak Ridge Tenn.  
GEORGE W. DOBBS . . . Editor

OFFICE  
North Portal Bldg. 9701-1  
Telephone 7753

## Credit Union To Hold Election On Thursday

Continued from Page 1

W. K. Prater, Isotope Research and Production; and Mrs. Lorena Causey, treasurer and general manager of the credit union. Members whose terms expire are Evan E. Means, Electrical Maintenance; C. L. Estes, Maintenance Shops; and Paschal Hamrick, Personnel. The latter was recently appointed to the board to succeed Vincent Moore, whose term would have expired.

Phillippi is the retiring member of the credit committee. Holdover members are R. L. Jeffries, Training; and E. A. Cobble, Buildings and Grounds.

R. C. Kelly, Materials Chemistry; and J. D. McGuffin, Stores; are holdover members of the supervisory committee. Ward Foster, Research Director; is the retiring member.

### Board To Elect Officers

Following election of the new directors the entire board will elect a president and vice president. Means now is vice president of the credit union.

Mrs. Causey and members of the credit union office staff have been busy for the past several days preparing the financial report of business transacted by the organization during the past year for submission to the membership Thursday. The dividend to be declared must be voted on by the membership. The members last year voted a 4.2 per cent dividend for 1951.



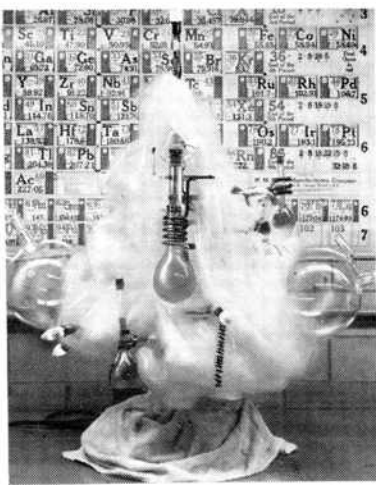
The following Y-12 employees were patients at the Oak Ridge Hospital last week:

Mose Sanders and Addie Sue Borum, Product Processing; J. P. Shuttle and J. J. Winslet, Maintenance Shops; Bruce T. Whitaker, Manufacturing Offices; Orland C. Blanton and Dennis Davis, Alloy; Lonnie A. Jeffries, Buildings and Grounds; Mark T. Johnston, Field Maintenance; Arbana Honeycutt, Laundry; Conrad McPeters, Guard; J. A. Butler, ADP; John E. Cooley, Uranium Processing; Hester W. Johnson, Janitors.

## Wives Of Y-12ers Hostesses At Carbide Wives Meeting

Wives of three Y-12ers will be among the hostesses at the next meeting of the Carbide Wives scheduled for 7:30 o'clock next Wednesday January 21. The meeting will be held in the East Lounge of the Ridge Recreation Hall. Bridge and canasta will be played and prizes awarded. Refreshments will be served.

The three Y-12 wives who will be hostesses are Mesdames D. W. Ewen, I. G. Speas and T. D. Eaton. Other hostesses are Mesdames A. E. Bittner, W. B. Chambley and Frank Buckalew. The board of directors member in charge of the party will be Mrs. W. J. Muenzer.



**RIPLEY SHOULD HAVE** this one—it's really a Christmas tree, fireproof and foolproof, erected by the Isotope Research and Production Division for its holiday party. Joe Patton and G. O. Gilpatrick assembled the "tree" from a ring stand with cross bar, old bottles of various kinds and shaped out with glass wool. Colored lights rounded out the unique decoration.

## Young Pianist Soloist At Concert Tonight

Richard Cass, youthful piano student from Furman University, Greenville, S. C., will be the featured soloist in the second concert of the season by the Oak Ridge Symphony Orchestra set for tonight, Wednesday, January 14. The concert will be at the civic auditorium in the high school building and curtain time is 8:15 o'clock.

### Interesting Program Arranged

The young pianist will play Beethoven's Third Piano Concerto with the orchestra. Other numbers will be the "Lieutenant Kijo" symphonic suite by Prokofieff, the polka and fugue from "Schvanda," by Weinberger, and the "Passacaglia," by Leon Stein.

Dr. Waldo Cohn, of the Biology Division of Oak Ridge National Laboratory in Y-12, will conduct the orchestra. Y-12ers and members of their families who will play with the musical organization include Mrs. K. C. Atwood, percussion; Mrs. Margaret Adcock, oboe; Mrs. Fred Howard, viola; Miss Joan Luce, violin; Paul Tausche, clarinet; and Donald Zucker, French horn.

### Soloist Is Furman Senior

Cass is a senior at Furman where he received a musical scholarship for outstanding musical and academic ability. He began his piano lessons at eight and has won many honors in the musical world as a result of his outstanding talent.

This concert is one of a series sponsored by the Oak Ridge Civic Music Association and season tickets will be honored. Non-members may obtain tickets at the box office.

## Individual Awards For Safety Given Out

Continued from Page 1

as a lost time mishap on January 2 broke the previous period. The Safety Department, reporting the accident, says "an employee dropped a piece of four by six-inch timber on top of his foot on January 2. Subsequent infection necessitated the injured man being off the job several days to permit the foot to heal.



Then there was the Chinaman who succumbed to a severe case of overeating—chop sueyside ???

The Safety Department welcomes Gladys Laurene Holcomb to their roster . . . Congratulations to J. F. Carpenter's daughter, Jean, who was married at their home on December 30.

The Laundry Department extends get-well wishes to the folks on the sick list who are Lela Lesley, Arbana Honeycutt, Reba June Duncan, Ollie Morris, Lucy Hawkins and Mary Patterson . . . A speedy recovery is wished for Sarah Corum's husband, Cecil, who is ill in the Oak Ridge Hospital.

The Manufacturing Offices welcomes Bruce Whitaker back to work after a week's illness.

The Receiving and Shipping Department extends sincere sympathy to Loyd Acres, whose 17-year-old son was killed in an automobile wreck on New Year's Eve in St. Louis, Mo.

The Property Sales Department welcomes Morris Perry to its roster—Perry is no stranger to Y-12ers as he was the stellar softball pitcher for the 1952 Y-12 Red Birds.

Nelson Bethea, of the Superintendent's Department, his wife and daughter have returned from a two-week vacation in Florida . . . H. C. McBirney spent his recent vacation in St. Petersburg, Fla. . . Bill Hubbs has returned from a recent week of vacation—he and some friends attended the Cotton Bowl game in Dallas, Tex., they had a swell time despite the outcome of the game.

The Chemical Department extends get-well wishes to C. G. Peck, who is ill in the Baptist Hospital in Knoxville . . . Also get-well wishes to Herbert Reed, who is on the ailing list.

The Analytical Laboratory extends get-well wishes to Martha Stone and for Muriel Culbertson, who have been on the sick list for two weeks . . . A welcome back is extended to Pearl Jane Powers, who returned to work last week after a lengthy illness . . . Sympathy is extended to Charlie Bain, whose brother, Charles, was killed in an airplane crash recently at Washington, D. C. . . Jim and Nell Charles spent a recent week of vacation with her folks in Louisiana—Jim got down to Dallas, Tex., for the Cotton Bowl game. . . Collie Lockmiller and her husband spent a recent week end with his folks in Florida . . . J. E. Patterson visited in Atchison, Kan., and in Kirksville, Mo., while on two weeks of vacation—aside from a little auto collision at Paducah, Ky., he had a successful trip . . . Frances McKnight and her husband, Roy, of Engineering, visited her folks in McMinnville, while vacationing recently . . . E. M. Dittman spent his week's vacation at home in Norris . . . Violet Pedigo vacationed at her home in Cookeville, recently . . . Horace Friedman spent a recent week of vacation in Hartselle, Ala. . . R. E. Cofield spent his week of vacation in Raleigh, N. C. . . J. H. Rowan vacationed at home in Oak Ridge for a week . . . W. C. Dietrich took a trip to Grand Rapids, Mich., while on a week's vacation.

The Research Services Department extends get-well wishes for Mary Fox and for E. E. Fields, who were on the ailing list last week . . . V. W. Arms' son-in-law got in for a week's leave from the Air Corps and all the folks had an extended Xmas.

Edna Fine, of Engineering, spent a recent week's vacation with friends in Hogansville, Ga.

Hearty congratulations are extended to Dave Turner, of the Fire Department, who is the proud papa of a baby girl born January 5 at the Baptist Hospital in Knoxville, weighing right around seven pounds . . . Congratulations are

also extended to D. E. Bailey who became the proud papa of a baby girl on January 2—his daughter was born at the Oak Ridge Hospital and weighed all of nine pounds.

F. C. Lowry, Personnel Superintendent, and his family visited Mrs. L's folks in Centerville, Tenn., while on two weeks of vacation.

Ada Hopkins and her husband, Collins, of Uranium Control and Computing, visited her home in Wyandotte, Mich., and his home in Brownsville, Tenn., while vacationing recently—they also spent some time in Louisville, Ky.

The Alloy Department extends wishes for a speedy recovery to D. W. Davis, who is a patient in the Oak Ridge Hospital.

Buildings and Grounds extends sympathy to Nevie Barton at the recent death of an aunt . . . Recent vacationers from the department were A. L. Stewart, G. L. O'Kain, M. H. Laney, H. C. Peters, C. M. Waddell, and C. H. Beddingfield. . . Only one vacationer is listed for this week which is J. Tilley.

Recent vacationers from the Transportation Department were B. A. Price, R. O. Osborne and Jake Selvers.

Evan Means, of Electrical Maintenance, author and sportsman, crossed up a lot of pals last week who were laying five, three and even on what he would select as his safety award. He passed up such appropriate articles as the fishing tackle box, the picnic basket, even the electric lantern in favor of—believe it or not—socks.

The time has come to put the show on the road again—see you next week.

## Tool Engineers Plan Organization Tonight

Continued from Page 1

are Charles Lasater, University of Tennessee mechanical engineering department, chairman; Alfred Sanford, Sanford-Day Iron Works, Knoxville, treasurer; and Leonard Miller, Fulton Sylphon Co., Knoxville, membership chairman.

As many Y-12ers and other Carbide employees in Oak Ridge have expressed interest in the meeting it is probable that Oak Ridge will be well represented in the final list of officers of the new chapter.

### Graduate Of Lehigh University

Dr. Osborn was born in Newark, N. J., June 18, 1911. He received his degrees from Lehigh University and also served on the faculty of that university. He is a registered professional engineer and a member of many technical organizations. He also has written a number of technical papers and has spoken on an average of 53 times a year before various technical groups in the United States and Canada.

## Camera Club Hears Talk On Photographic Papers

Members of the Carbide Camera Club were scheduled to have heard a talk from Robert Freestone, club vice president and an Oak Ridge National Laboratory employee, at its first meeting of the year on Tuesday night of this week. His topic was various types of photographic printing paper and developers.

A black and white print competition on interiors was held in connection with the meeting. Dr. Frank Kertesz, a Y-12er and last year's president of the Oak Ridge Camera Club, judged the entries.

"You look like a young man with both feet on the ground; what do you do for a living?"

"I take orders from an old man with both feet on a desk."



**THREE EMPLOYEES IN THE** Y-12 area are former and new officers of the Oak Ridge Camera Club. Above, from left, are Frank Kertesz, Materials Chemistry, outgoing president; R. Lorenz, Reactor Experimental Engineering, vice president for 1952 and 1953; and Rene Bolomey, Materials Chemistry, new president for 1953.

## Bolomey Elected Head Of Ridge Camera Club

Rene Bolomey, of the Materials Chemistry Division in the Y-12 area, has been elected president of the Oak Ridge Camera Club. He succeeds Frank Kertesz, of the same division. R. Lorenz, another employee in the Y-12 area with the Reactor Experimental Engineering Division, was reelected vice president of the club.

An ambitious program for the year was outlined by Bolomey for 1953. Cooperation with the Carbide Camera Club and other photographic groups will be of primary interest. The Oak Ridge Camera Club also plans to put more emphasis on photographic techniques and in this connection the newly acquired darkroom of the club in the Arts and Crafts Center on Outer Drive will play an important role.

Meetings of the club are held on the first and third Wednesdays of each month.



Congratulations to the following Y-12ers who became parents of babies born recently at the Oak Ridge Hospital:

Marion A. Wheeler, Product Processing, who became father of a boy January 4.

David E. Bailey, Fire Department, who became father of a girl January 3.

## University Of Tennessee Man To Address Seminar

Prof. R. Newton, of the University of Tennessee, will speak at the weekly meeting of the Oak Ridge Physics Seminar at 3:15 o'clock Friday afternoon, January 16. The meeting will be held in the auditorium of the new research building of the Oak Ridge National Laboratory. Professor Newton's topic will be "Space Travelled?"

## Reactor Engineers To Hear Talk By Dr. Stoughton

Dr. Ray Stoughton will address a meeting of the Reactor Engineers Seminar tomorrow afternoon, Thursday, January 15. The session will be held at 3 p. m. in the second floor conference room in Bldg. 9204-1. Dr. Stoughton's subject will be "Some Aspects Of Breeder Operations and Efficiencies." The discussion has created considerable interest previously and Y-12ers interested in the topic are urged to attend the meeting.



# Y-12 SOFTBALLERS ORGANIZE FOR 1953 SEASON

## Y-12 Cagers Set Busy Week End

Nashville, Knoxville Teams Here Saturday

The Y-12 varsity basketball teams face a busy week end with double headers listed for both Saturday and Monday nights, January 17 and 19. On the Saturday night twin bill the Cards and Robins will entertain visiting firemen from Knoxville and Nashville, respectively, while the Monday night engagements are against home talent in Oak Ridge City League contests.

The Saturday night program will open at 7:15 o'clock with the strong and entertaining Nashville Business College sextet meeting the Robins. After this feminine party is finished the Cardinals will meet the Kosson All Stars, a powerful Knoxville aggregation. The Robins also will open the Monday night card in the City League against the American Legionettes with the Cards scheduled to meet the Atomic Energy Commission quintet in the finale.

The Cardinals fired strongly but were forced to fall back under the superior height of the Oak Ridge National Laboratory Nats in a league game Monday, January 5. The Labsters, with Wolfe scoring 26 points, walloped the charges of Manager John Shugart by 66 to 43. The victors got away fast and held a 35 to 18 half time lead. The Y-12ers tightened up somewhat in the final half, but couldn't catch their opponents. Fitzgerald tallied 15 points and Shugart 12 for the Cards.

In the other half of the double header the Robins played an exhibition against the American Legion lassies as the ORNL girls couldn't field a team because of absenteeism. In the informal clash the Robins took a 45 to 20 decision. Helen Brown led the Robins in scoring with 19 points, sinking six field goals and seven free throws out of eight tries. Ruby O'Kain bagged seven from the field and two free tosses for 16 points.

The Robins will go over to Nashville February 21 for a return match with NBC and the Cards will go along for a game against a strong Nashville team.

## Rusty Five Takes C Loop Half Title

The C League of plant bowlers wound up the first half of the season on January 5 with the Rusty Five capturing top honors although gaining only an even split with the Hooks. The UCJV's blanked the Eutectics. The Hornets stung the Guards and the Angstroms beat the Moles, each by three points.

Two nights later the loop opened the second half of the season with the Guards topping the circuit by whitewashing the Hornets. Three point winners were the Angstroms over the Eutectics, Moles over the Hooks and Rusty Five over the UCJV's.

Paddy Peckman, of the Rusty Five, took most scoring honors as the final half of play opened by scoring a 222 scratch game, boosted to 246 with handicap, and a 516 scratch series. Thompson, of the Angstroms, got into the act with a 615 handicap series.

The Rusty Five swept the boards in team scoring with 801, 991, 2241 and 2811.

League standing at the end of the first half of play follows:

Team	W	L
Rusty Five	45	19
Hooks	41	23
Hornets	41	23
UCJV's	34	30
Guards	32	32
Eutectics	23	41
Moles	23	41
Angstroms	17	47



VICTORS AND VANQUISHED IN W LEAGUE BOWLING LAST WEEK ARE THE KEMPS. left, and Controllers. The Kempo "whomped" the first half of the season winners for a three point whitewash win last week. From left the Kempo are Desma Hutcheson, Helen Ross, Lonnie Holtz-knecht, Mavis Koons and Evelyn "Fiz" Tucker, whose extended three fingers mark the margin of victory. The Controllers are Juanita Reed, Agnes Tiller, Dorothy Park, Joan Sharp and Doris Moore.



## Guards Upset Engineer Five; Grocers Grab Two, Tie Race

Plant Basketeers Wage Hectic Hardwood Tilts; Kilroys Top Duds Twice; Rough Housers Falter

It had to come sooner or later—one of those startling upsets that have marked all Y-12 plant league sports and made the competition so enjoyable for plant employees. This one came on Monday night, January 5, when the Guard quintet of the Plant Basketball League sneaked up on the blind side of the high-riding Engineers and with a spectacular rally managed to edge out a 27 to 26 victory. It was the first loss of the season for the Engineers and although they broke even for the week, a pair of wins by the Grocers put those two outfits in a tie for first place.

### Defensive Play Tight

In that upset clash the Engineers got away to a 10 to 5 first quarter lead and with each team scoring five points in the second canto the Engineers had a 16 to 11 edge at half time. Then the Guards got busy and outscored their opponents by 9 to 5 in the third period to trail by only 21 to 20. A 7 to 5 final chapter gave the boys in blue their well-earned victory. Williams and Blankenship each tallied seven points for the winners and Kennedy posted eight for the Engineers as the defense of both teams was tight.

The Engineers came back Wednesday night to edge the Rough House Five by 38 to 31, rallying in the fourth period to take the decision. Corden, Engineers; and Kimball, Rough House Five, each scored nine points.

### Grocers Grab Two Games

The Grocers' first victim was the Rough House Five, the ANP lads coasting to a 33 to 22 triumph and aiding their cause by dropping 19 free throws. E. Whitaker, Grocers; and Fred Kappelman, Rough House Five; shared scoring honors with nine each. The Grocers then ground up the Guards by 45 to 18 as Whitaker dunked 20 points through the hoops. Williams got eight for the losers.

Because the schedule started its second round on Wednesday, a quirk of the schedule had the Kilroys and Duds meeting twice during the week, the Kilroys taking both games by the identical scores of 44 to 28. In the first clash the winners had a 23 to 14 half time margin. Keller led the Kilroys with 11 points and Nabors topped the Duds with nine. In the second battle of the week the Kilroys had only a 21 to 20 score at half time and in this one Fuson paced the victors with 18 points. Nabors again was top dog for the Duds with 10 counters.

### Schedule Is Given

The next action by the plant basketeers will be on Friday, January 16; and next Wednesday, January 21. The schedule for these two nights follows:

Friday, January 16 — 6 p. m.,

## Y-12 Volleyballers To Meet AEC Team For League Title

Volleyballers of Y-12 and the Atomic Energy Commission were scheduled to meet in a "crucial" match on Tuesday night of this week at Elm Grove school. The teams were tied for first place in the American League branch of the Oak Ridge City league with 10 wins and two losses each and the clash this week will decide the winner of the first half of the season.

The Y-12ers advanced to the tie for loop leadership when they walloped the K-25 Carbides for a three-game shutout last week.

Oak Ridge volleyball teams are divided into two leagues for the first half of the season, the American and National. For the second half of the season the top three teams in each loop will form one league and the lower three a second circuit in an effort to equalize play.

## Varsity Keglerettes Boost League Lead

Like their big brothers, the Y-12 varsity keglerettes are flying high, wide and handsome in the Oak Ridge Women's City Bowling League. The Y-12ers swept another whitewash victory into the bag last week by bumping the Bailey Motors lassies for four points and after the pins stopped tumbling they were in first place by five and one-half points.

The line scores were 732, 740, 748—2220 for Y-12 and 42, 726, 700—2068 for Bailey. Juanita Reed turned in a 519 series with games of 189, 179, 151 to lead the Y-22 scorers, being followed by Betty Whitehorn 144, 132, 150—476; Mary Ballard 163, 173, 159—475; Ruby O'Kain 102, 150, 152—404; and Mavis Koons 134, 126, 136—396.

## Y-12ers And Wives Certified As Pilots

Four Y-12ers, two of their wives and a contractor's employee in the plant received piloting certificates last Saturday night after completing courses held by the Oak Ridge Power Squadron. G. J. Angele, of the Y-12 Engineering Department, is commander of the local squadron.

Receiving certificates were R. A. Ware and Frank Lambert, Engineering; Edward C. Long, Health Physics; and Harry Hoy, Electromagnetic Research Division. Mary Long and Connie Ware also received certificates as did Johnathan Cohen, of the polygraph office.

## Frank Darby To Pilot Club

Babb Selected As Aide; Loy To Handle Business

Getting the jump on all Oak Ridge competition and a lot of the old pros, the Y-12 men's varsity softball team held an organizational meeting last Friday and picked a manager, assistant manager and secretary-treasurer for the coming season.

At the session held in the plant cafeteria Frank "Red" Darby, of Electrical Maintenance, was chosen manager of the team, to be assisted by Harold Babb, of Maintenance Shops. Bobby Loy will be secretary and treasurer of the club. He also is in Maintenance Shops.

### All Are Experienced

All are well known in Y-12 sports circles and are experienced in their fields. Loy was a star pitcher and utility man for the team during the 1952 season.

Prospects for the 1953 season are believed bright for the Cardinals, as the Y-12 entry will be known this season. Previously the nickname was reserved for the plant baseball team, but the softballers will be the sole diamond representative for Y-12 this year. Practice is expected to begin the latter part of March or the first of April.

### More Talent Being Sought

Meanwhile, Manager Darby and Babb will be canvassing the plant for additional talent to augment the several veterans that will be on hand when spring training begins.

The Y-12 softballers made an excellent record last season, winning the Oak Ridge tournament and finishing fourth in the state tournament at Chattanooga behind Peerless Woolen Mills, of Rossville, Ga., and Chattanooga, Shelbyville and Englewood.

## Toppers Whitewash Grocers In D Loop

The Toppers opened the New Year and the second half of the D League season last week by blanking the Grocers for four points to take over the league lead. The Split Kids spanked the Activators, first half winners; the Peons pounced on the Isotopes and the Old Men vanquished the Vectors, each by a three point margin.

Scheitlin, of the Old Men, had the best single game scores with 216 scratch and 252 handicap. Alvey, Toppers, had a 550 scratch series, and McAlister, Split Kids, led with a 642 handicap series. The Peons had the high game series with 855 scratch and 1061 handicap. The Toppers came through with a 2500 scratch series, boosted to 2971 with handicap, both tops for the night.

### League standing follows:

Team	W	L
Toppers	4	0
Split Kids	3	1
Peons	3	1
Old Men	3	1
Vectors	1	3
Isotopes	1	3
Activators	1	3
Grocers	0	4

## Cardinals Conquer Avondale By 56-53

The Y-12 Cardinals eked out a 56 to 53 victory over the Avondale Farms team of Knox County last Saturday night at the Halls High School gymnasium. The dairymen were represented by a bunch of speedy youngsters that nearly ran Manager John Shugart's vets off the floor before experience told for the winners. The Cards were led by Lovell with 19 points and Fitzgerald with 10. Coker was tops for the losers with 14. The Cards had to overcome a 27 to 24 deficit at half time.



**CARBIDE AND CARBON  
CHEMICALS COMPANY**

A Division Of

**Union Carbide And Carbon Corporation**P. O. Box P.  
Oak Ridge, Tenn.

(RETURN POSTAGE GUARANTEED)

Sec. 34.66 P.L.&R.  
U. S. Postage  
**PAID**  
Oak Ridge, Tenn.  
Permit No. 3

## Plant Pistoleers Take Loop Lead

### Y-12ers Mop Up With AEC And K-25ites

The targets took a bad beating from the Y-12 pistol team in its last two outings to the Oak Ridge Sportsmen's Association range in league competition, the Y-12ers racking up a pair of victories and taking over the circuit lead. The Y-12ers outfired the Atomic Energy Commission on January 2 and repeated the performance against K-25 on January 7.

The Y-12 pistol packers popped the AEC team by 1275 to 1188 scratch and 1439.856 to 1433.844 handicap. J. K. Bair led his mates to victory with 270 scratch and 289.539 handicap. Other Y-12 scores were J. D. Kingston 264 — 288.530; J. C. Ezell 243—287.990; J. D. Rose 239—287.147; and M. E. LaVerne 259—286.650.

Against K-25 the scores of Y-12ers were P. H. Williams 224 — 289.687; Ezell 248—752; D. D. Harmon, scratch score unrecorded—286.881; Bair 263—286.784; J. C. Gallimore, scratch score unrecorded—286.454. In team scoring Y-12 beat the West Enders by 1235 to 1160 scratch and 1438.555 to 1436.048 handicap.

In taking the league lead Y-12 has a record of six scratch wins and five handicap victories. Other marks are AEC Police five and five, K-25 two and three, Oak Ridge National Laboratory three and two, Independents two and two, Oak Ridge Police none and one. Bair, of Y-12, has the high scratch score of the season with a 274 out of a possible 300. The Y-12 team's 1275 scratch score out of a possible 1500 also is tops for the loop so far.

The Y-12ers are scheduled to meet the Oak Ridge Police team at 7 o'clock tonight, Wednesday, January 14.

## Kemps Conquer Old Rivals In W League

The Controllers, first half of the season winners in the W League of women plant bowlers, find starting out the second half a tedious proposition, as they lost their second straight three game defeat last week. Their latest conquerors were their arch rivals, the Kemps. In other loop engagements last week the Cracker Jax conked the Curvettes and the Gutter Cats treed their feline rivals, the Alley Cats, each by three games. The Strickettes socked the Mix Ups for two games.

Mavis Koons and Evelyn Tucker, both of the Kemps, took individual scoring honors. The former had a 179 scratch game and 459 scratch series. The latter rolled a 225 handicap game and 614 handicap series. The Kemps swept the field in team scoring with 719, 993, 2028 and 2850 across the board. All of the individual and team scores were high for the entire season.

League standing follows:

Team	W	L
Kemps	6	0
Cracker Jax	5	1
Strickettes	3	3
Alley Cats	3	3
Mix Ups	3	3
Gutter Cats	3	3
Curvettes	1	5
Controllers	0	6

### JACK McLENDON SCORES THREE STRAIGHT 151s

Jack McLendon, bowling for the Has Beens in the B League last week, turned in one of those rare "triples" of three games of identical scores. He had three 151s for his night on the alleys. His feat will be certified to the National Bowling Congress, which honors authors of such incidents with an award.

## Has Beens Hold Top Spot In B League

The B League of plant bowlers resumed operations last Thursday night after the long holiday layoff with all victorious teams turning in three point triumphs. The Has Beens, Tigers and Bumpers are closely bunched at the top of the standings with the All Stars, Rippers and Wolves tied just behind them.

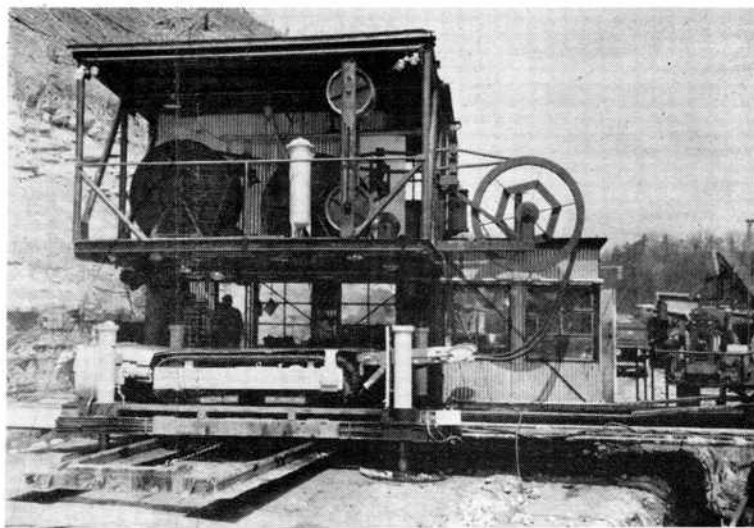
The Has Beens trounced Bldg. 9211, Tigers took the Rippers, Bumpers bumped the Swingsters, Wolves nipped the All Stars, Rebels stung the Wasps and Bums beat the Cubs. Jack Spears, of the Rebels, took all scoring honors with a 236, 254, 617 and 671 across the board. The Rebels had most of the team scoring honors with a 918 scratch game, boosted to 1053 with handicap, and a 2895 handicap series. The Wolves had the best scratch series of 2491.

## Hot Point Keglers 'Hot Foot' Y-12ers

The Hot Point bowlers gave the Y-12 keggers the hot foot on the alleys Monday night, January 5, splitting even with the Oak Ridge City League leaders. The victors won two out of the three games rolled but Y-12 amassed the best total pinnage by taking the second game by a wide margin. Scores were 869, 900, 915—2648 for Hot Point and 836, 1028, 894 for Y-12.

Len Hart sandwiched a smashing 244 game between two 181 efforts to lead the Y-12ers with a 606 series. He was followed by Jack Spears 173, 204, 196—573; Joe Pryson 185, 199, 181—565; Frank Gragg 164, 192, 182—528; and Ernie Cobble 133, 189, 152—474.

To make cars fool proof—keep fools out of them.



**THIS SHOWS HOW THE NEW MINING MACHINE DEVELOPED BY Carbide is moved to a new position. Rails suspended from the undercarriage are rolled out and are controlled from the panel in the background at left of the first deck. The machine is controlled from the enclosed cab at right.**

## New Coal Mining Rig Developed By Carbide Digs More Than 500 Tons In Eight Hours

A continuous coal mining rig that sends an electrically-controlled mining machine 700 feet horizontally into the side of a hill, boring out a stream of coal that is brought to the face by a series of traveling conveyors, has been announced by Carbide and Carbon Chemicals Company, a Division of Union Carbide and Carbon Corporation.

The mining machine is electrically-powered, moves on tractor-treads, and has four intermeshing, rotary cutting heads mounted on the front. It carves out a three by ten-foot hole in the coal seam and forces the mined coal onto the traveling conveyor system.

**Operators Always Above Ground**  
This machine mines up to 1½ tons of coal a minute and has poured out 567 tons in an eight-hour shift. The operators of this machine are always above ground, and they have little or no actual contact with the coal produced.

The machine was designed for use on out-crop seams. The two-story rig operates from a shelf cut into the side of the hill where the coal seam comes out. By using four hydraulic jacks, one mounted on each corner of the platform, and a track and wheel assembly, the machine can be maneuvered along the shelf. It can be moved from one boring to the next in about 20 minutes.

**Machine Pulls Conveyor Belt**  
As the mining machine digs its way into the seam, it pulls a train of 30-foot long conveyor belt sections. Each section is driven by a separate electric motor. The coal is moved in successive steps from the mining machine to the launching platform. At the launching platform, the coal falls into a transfer conveyor which delivers the coal to a truck-loading hopper.

The machine is steered by an operator who watches two oscilloscopes. On these radar-like scopes, light beams trace circular paths corresponding to the paths of two

electrical sensing devices mounted on the outer teeth of the cutting heads. Every time the stratoscope teeth cut through anything harder or softer than normal coal, they cause an irregularity to show up in the light circles on the oscilloscopes. The operator then electrically steers the device up or down to stay within the seam. He also can keep the machine moving in a straight course or follow an adjacent hole at any desired distance.

### Gaps Can Be Bridged

If the launching platform cannot reach the face of the seam telescoping sections of runway can bridge the gap.

At the conclusion of a cut, the mining machine is reversed and it pushes out the conveyor sections. Each section is removed and nested until it is needed on the next cut. A tractor-mounted crane places these conveyor sections on the launching platform or removes them.

This new mining machine was developed by Carbide and Carbon Chemicals Company as part of the development work on its coal-hydrogenation program recently announced.

## ORNL Riflemen Edge Y-12 Team

The Y-12 rifle team outfired the Oak Ridge National Laboratory marksmen in scratch scores in their last match on January 5, but handicaps enabled the Labsters to take the decision in that bracket. The scores were 852—962.762 for Y-12 and 819—966.798 for ORNL.

The Y-12ers were slated to meet K-25 on Monday night of this week. J. D. Rose, captain of the team, has urged more Y-12ers to turn out and fire with the group.

Against ORNL the top Y-12 scorers with scratch and handicap scores were J. D. Rose 17—193.404;

## Attendance Record

MAJOR LEAGUE More Than 50 Employees Scheduled				
Dept.	Absent	Percentage	1-4-53	12-28-52
2005	0.0	1	1	1
2008	0.5	2	1	1
2077	0.6	3	11	11
2108	0.96	4	9	9
2690	1.04	5	2	2
2739	1.4	6	18	18
2619	1.5	7	3	3
2091	1.8	8	4	4
2790	1.9	9	6	6
2060	2.1	10	10	10
2142	2.2	11	8	8
2617	2.3	12	7	7
2003	2.4	13	13	13
2014	3.1	14	15	15
2618	3.3	15	14	14
2001	4.1	16	12	12
2015	5.1	17	16	16
2773	5.5	18	17	17
2018	6.6	19	5	5

Group absentee percentage was 2.7 per cent, 1.1 per cent lower than the preceding week.

MINOR LEAGUE 15-49 Employees Scheduled				
Dept.	Absent	Percentage	1-4-53	12-28-52
2200	0.0	1	1	1
2109	0.0	1	2	2
2002	0.0	1	11	11
2107	0.7	2	1	1
2140	1.4	3	5	5
2743	1.92	4	6	6
2093	1.94	5	1	1
2143	2.5	6	10	10
2090	2.8	7	13	13
2145	2.90	8	9	9
2144	2.94	9	3	3
2301	3.5	10	4	4
2616	4.1	11	8	8
2133	5.2	12	7	7
2046	9.3	13	12	12
2096	12.9	14	14	14

Group absentee percentage was 3.5 per cent, .7 per cent higher than the preceding week.

The plant average for the week ending January 4 was 2.9 per cent, .8 per cent lower than the preceding week.

## Cut Ups, Wobblers Triumph In E Circuit

The Cut Ups and Pin Wobblers, far down in the standings during the first half of the season, finally came up for air in E league bowling last week. Each team won a whitewash victory over the No Pins and Hobslurps, respectively to gain a tie for first place as the second half of the season opened. The Peglers pounded the 66s for three points and the Easy Aces and Stinkers agreed to roll their match later.

Ernie Cobble, of the 66s, was tops with a 232 scratch game, 257 handicap game and 557 scratch series. Nelson Tibbatts, a teammate, had a 643 handicap series. The Peglers and 66s tied with the best scratch game of 805 and the 66s went on to lead with a 981 handicap game. The Peglers took both series honors with a 2344 scratch and 2809 handicap effort.

League standing follows:

Team	W	L
Cut Ups	4	0
Pin Wobblers	4	0
Peglers	3	1
66s	1	3
Hobslurps	0	4
No Pins	0	4
Easy Aces	0	0
Stinkers	0	0

W. D. Cunningham 170—192.874; W. R. Rathkamp 187—192.810; R. Wells 110—192.000; and C. Brewster 148—191.680. Other Y-12 tallies were H. C. Hoy 167—191.673; N. J. Tronolone 135—189.120; and J. R. Helton 128—188.480.



**A NUMBER OF YOUNGSTERS OF Y-12ERS ABSORBED A lot of traffic safety knowledge at the Officer Pressley Safety Circus staged last week. At left, the youngsters make friends with Officer Pressley's star dog performers that performed a variety of difficult tricks, each pointing the importance of traffic safety. From left are Bobby Barker, Kathleen Parrett, Patricia**



**Kaylor, David Rogers, Ruth Baker, Johnny Clowers and Robert Brown. In the rear are Officer Ernest E. Pressley, of Charlotte, N. C., who originated and directs the show; and his assistant, Max Wells. At right is a portion of the big audience that watched the interesting and informative safety show. The show was sponsored in Oak Ridge by the Oak Ridge Junior Chamber of Commerce.**